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> Hawkray Solar Wireless Outdoor Security Camera User Manual

## hawkray cams B09QPXGRLG

# Hawkray Solar Wireless Outdoor Security Camera User Manual

Model: B09QPXGRLG

## 1. INTRODUCTION

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Thank you for choosing the Hawkray Solar Wireless Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new security camera system. Please read this manual thoroughly before use to ensure proper functionality and safety.



Figure 1.1: Hawkray Solar Wireless Outdoor Security Camera and Solar Panel

## 2. WHAT'S IN THE BOX

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Please check the contents of your package to ensure all items are present:

- 1 x Hawkray Security Camera
- 1 x Solar Panel
- Mounting Hardware (Screws, Wall Plugs)
- USB Charging Cable
- User Manual (this document)

# Two-Way Audio & Real-Time Conversation



Figure 2.1: Package Contents

## 3. SETUP GUIDE

### 3.1 App Installation

The Hawkray camera operates with the VICO Home app. Download the app from your device's app store (Google Play for Android or Apple App Store for iOS).

1. Search for "VICO Home" in your app store.
2. Download and install the app.
3. Register a new account or log in if you already have one.



Figure 3.1: VICO Home App Download

### 3.2 Wi-Fi Connection

Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.

1. Power on the camera.
2. Open the VICO Home app and follow the on-screen instructions to add a new device.
3. Select your 2.4GHz Wi-Fi network and enter the password.
4. Scan the QR code generated by the app with the camera lens.
5. Wait for the camera to connect to the Wi-Fi network.



## Outdoor Wireless Security Wifi Camera

It runs on 2.4 GHz WiFi and stays fully-charged with Solar Panel

✓ 2.4GHz Wi-Fi

✗ 5GHz Wi-Fi

Figure 3.2: Wi-Fi Compatibility

### 3.3 Mounting the Camera and Solar Panel

Choose a suitable location for installation, ensuring the solar panel receives adequate sunlight and the camera has a clear view of the desired monitoring area.

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert wall plugs if necessary.
3. Secure the camera mounting bracket to the wall with screws.
4. Attach the camera to the bracket.
5. Mount the solar panel in a location that maximizes sun exposure throughout the day.
6. Connect the solar panel cable to the camera's charging port.

## Dual Light Source Mode with Color Night Vision

### White Light Mode

The white light illuminates the environment. Try restoring the color image to the original state at night.

### Infrared Mode

Through the infrared light, clearer black and white images are produced.



**The factory default is infrared mode, you could switch night vision mode by Vicohome App.**

Figure 3.3: Camera and Solar Panel Installation

## 4. OPERATING INSTRUCTIONS

### 4.1 Live View and Playback

Access the live feed and review recorded footage through the VICO Home app.

- Open the VICO Home app and select your camera.
- Tap on the live view to see real-time footage.
- Use the playback feature to view recorded events from cloud storage or the local SD card.

### 4.2 Night Vision Modes

The camera supports both infrared (IR) and color night vision modes.

- **Infrared Mode:** Provides clear black and white images in low light conditions. This is the default mode.
- **White Light Mode (Color Night Vision):** Illuminates the environment with white light to produce full-color images at

night. You can switch between modes via the VICO Home app.



Figure 4.1: Dual Light Source Night Vision

### 4.3 Two-Way Audio

Communicate with visitors or deter intruders using the built-in speaker and microphone.

- While in live view, tap the microphone icon in the app to speak.
- Tap again to end communication.

# Two-Way Audio & Real-Time Conversation



Figure 4.2: Two-Way Audio Communication

## 4.4 Smart Motion Detection and Alerts

The camera features PIR motion detection and customizable active zones.

- **PIR Motion Detection:** The camera detects motion based on heat signatures, reducing false alarms.
- **Active Zones:** In the app, you can define up to 3 specific areas where you want to receive motion detection notifications. The camera records all video, but only notifies you for motion within these zones.
- **Siren Alert:** The camera can be configured to sound a loud siren automatically upon motion detection or manually activated through the app.
- **Notifications:** Receive instant alerts on your smartphone when motion is detected.



Figure 4.3: Smart PIR Motion Detection

## 4.5 Storage Options

The camera supports both cloud storage and local storage.

- **Cloud Storage:** Recorded videos can be uploaded to the cloud. New registrants may receive a free trial period.
- **Local Storage:** Insert a Micro-SD card (up to 128GB) into the camera for local video recording, even without network connectivity.



Figure 4.4: Cloud and Local Storage

## 4.6 Multi-User Sharing

Share access to your camera's live feed and recordings with family members through the VICO Home app.

- In the app settings, navigate to the sharing options.
- Invite other users by entering their VICO Home account details.

## 5. MAINTENANCE

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### 5.1 Battery Charging

The camera is primarily powered by its integrated solar panel. In periods of low sunlight or high usage, the battery may require additional charging.

- Ensure the solar panel is clean and free from obstructions (e.g., leaves, dirt) to maximize charging efficiency.
- If the battery level drops significantly (e.g., below 20% as indicated by app notifications), you can charge the camera

using the provided USB cable and a 5V DC power adapter (not included).

## 5.2 Cleaning

Regularly clean the camera lens and solar panel to ensure optimal performance.

- Use a soft, damp cloth to wipe the lens and solar panel.
- Avoid using harsh chemicals or abrasive materials that could scratch the surfaces.

## 5.3 Weather Resistance

The camera has an IP66 waterproof rating, making it suitable for outdoor use in various weather conditions, with an operating temperature range of  $-10^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ .



Figure 5.1: IP66 Weather Resistance

## 6. TROUBLESHOOTING

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If you encounter issues with your Hawkray camera, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi band (5GHz), weak signal, wrong password.	Ensure your router is set to 2.4GHz. Move the camera closer to the router. Double-check Wi-Fi password.
Solar panel not charging battery	Insufficient sunlight, dirty panel, faulty connection.	Relocate the solar panel to an area with more direct sunlight. Clean the solar panel surface. Ensure the cable is securely connected.
Frequent false motion alerts	Sensitivity too high, objects like trees or shadows causing triggers.	Adjust motion detection sensitivity in the app. Define active zones to exclude irrelevant areas.
No night vision	Night vision mode disabled or IR sensors blocked.	Check night vision settings in the app. Ensure nothing is obstructing the camera's IR sensors.
Two-way audio not working	Microphone/speaker muted in app, poor network connection.	Check audio settings in the app. Ensure stable Wi-Fi connection.

For further assistance, please refer to the VICO Home app's help section or contact Hawkray customer support.

## 7. SPECIFICATIONS

Detailed technical specifications for the Hawkray Solar Wireless Outdoor Security Camera:

Feature	Specification
Model	B09QPXGRLG
Video Capture Resolution	1080p
Connectivity Technology	Wireless (Wi-Fi)
Wi-Fi Frequency	2.4GHz (Does not support 4G/5G)
Power Source	Solar Powered
Ingress Protection Rating	IP66 (Dustproof and Waterproof)
Night Vision Range	Up to 20 meters (65 feet)
Viewing Angle	350 Degrees (Pan/Tilt via app)
Storage Options	Cloud Storage, Micro-SD Card (max 128GB)
Audio	Two-Way Audio (Built-in speaker and microphone)
Motion Detection	PIR Motion Detection, Customizable Active Zones
Alert Type	Audio and Motion, Motion Only, Siren
Dimensions (L x W x H)	4.73 x 3.98 x 6.23 inches
Item Weight	5.72 pounds

## 8. WARRANTY AND SUPPORT

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Hawkray provides comprehensive support for its products:

- **3-Year Replacement Service:** Enjoy a 3-year replacement service from the date of purchase.
- **25-Day Money Back Guarantee:** If you are not satisfied with your purchase, you may return it within 25 days for a full refund.
- **Lifetime Technical Support:** Hawkray offers lifetime technical support for all users.

For technical assistance, warranty claims, or any other inquiries, please contact Hawkray customer support through the contact information provided on the product packaging or the official Hawkray website.

